

0001500 0001

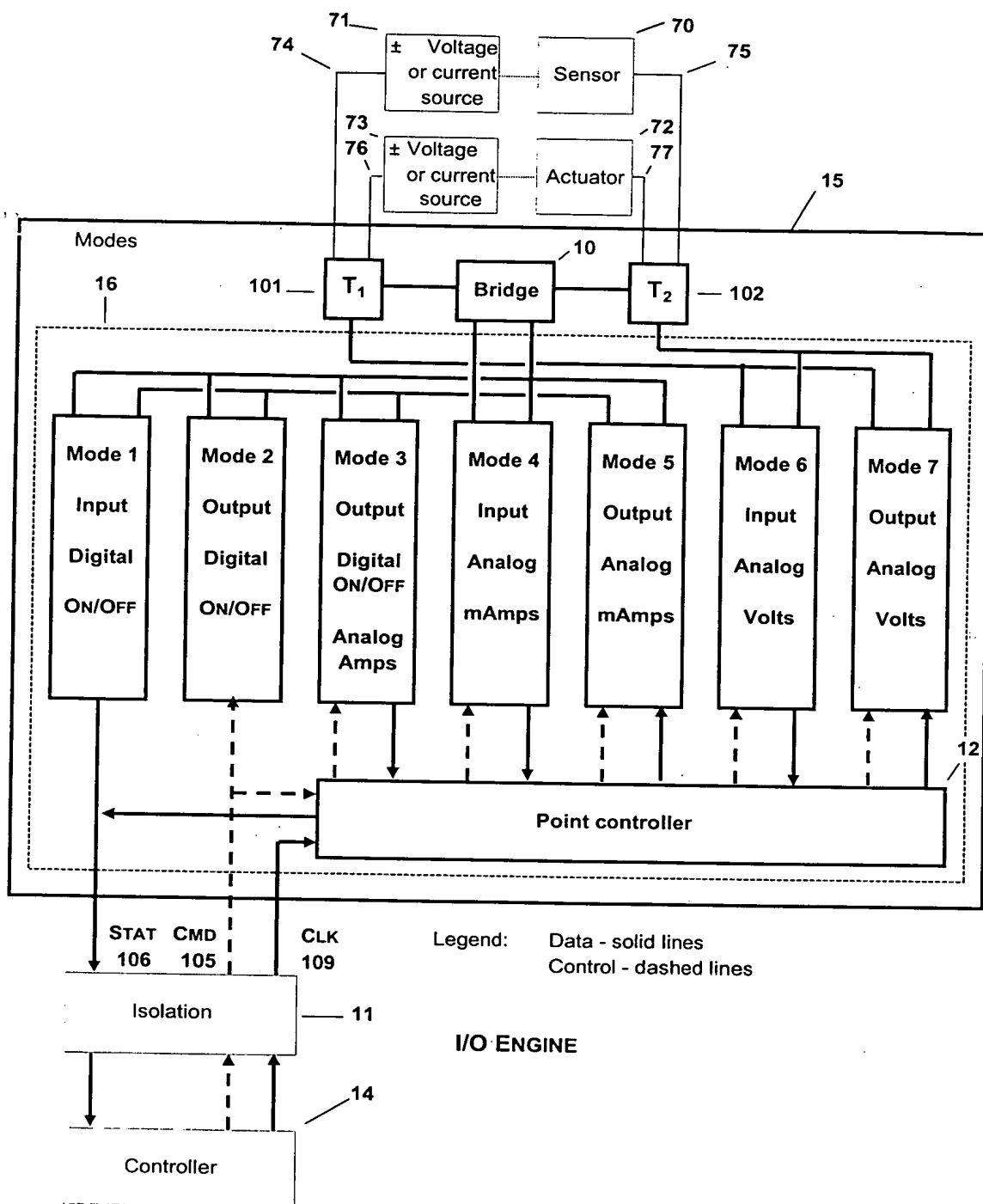


Figure 1 I/O ENGINE

00915188 072504
T05220 23T5T660

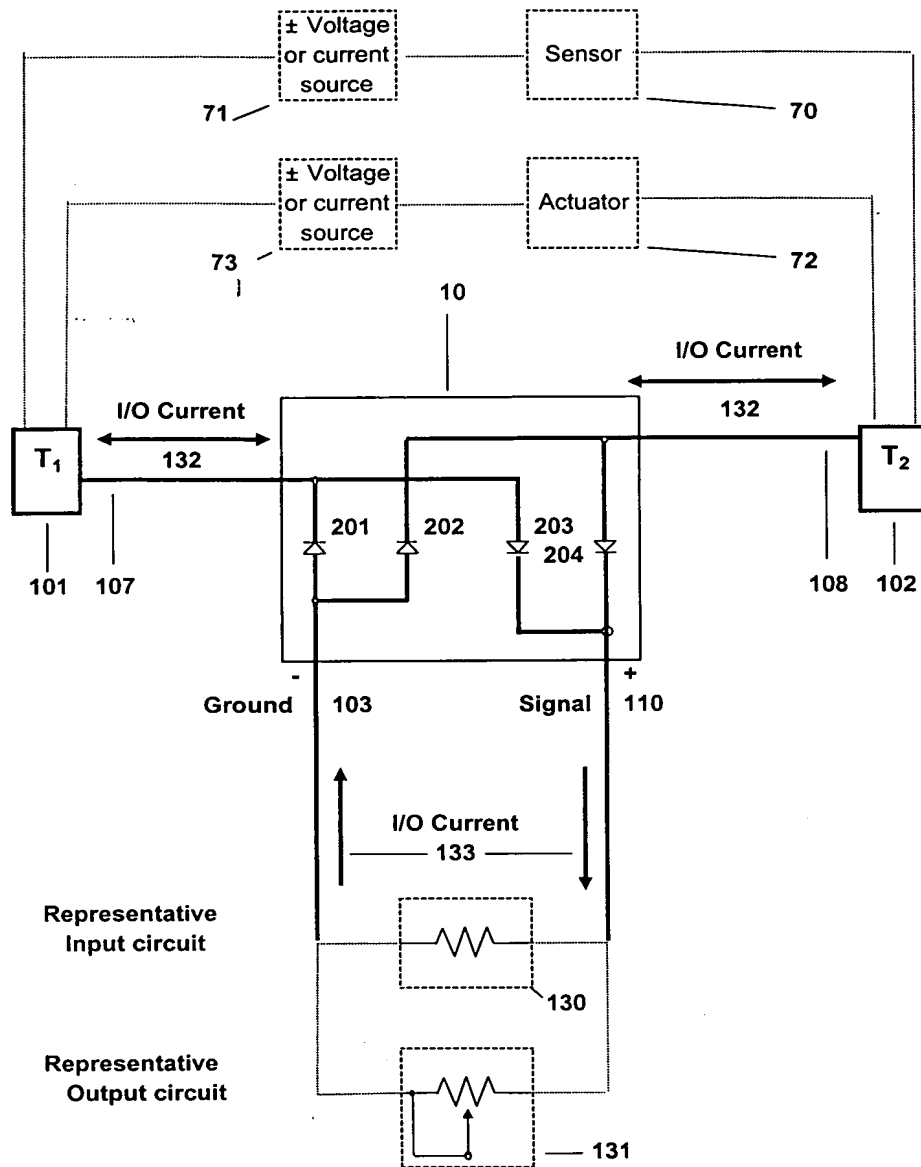


Figure 2 Senso-Actuator Connections

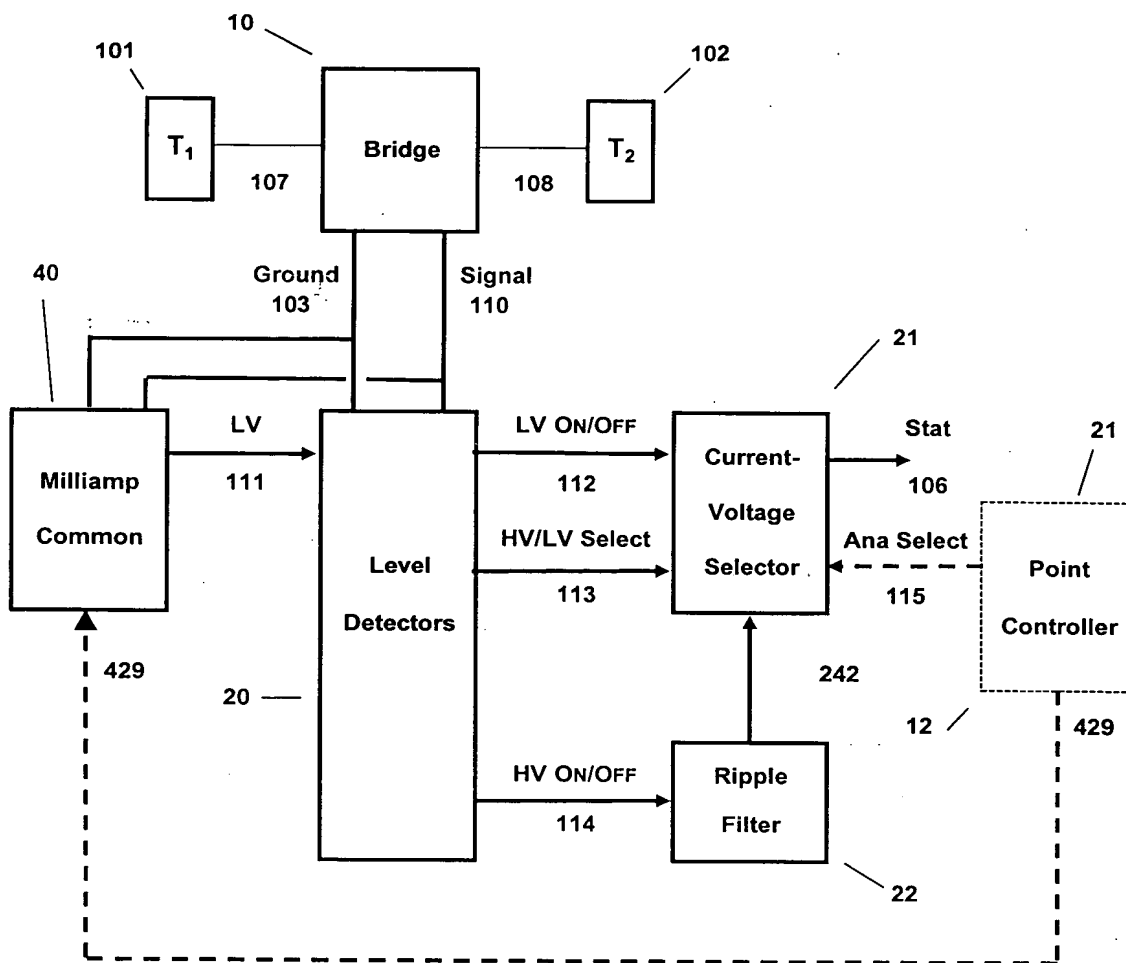


Figure 3 Mode 1 Digital (ON/OFF) Input

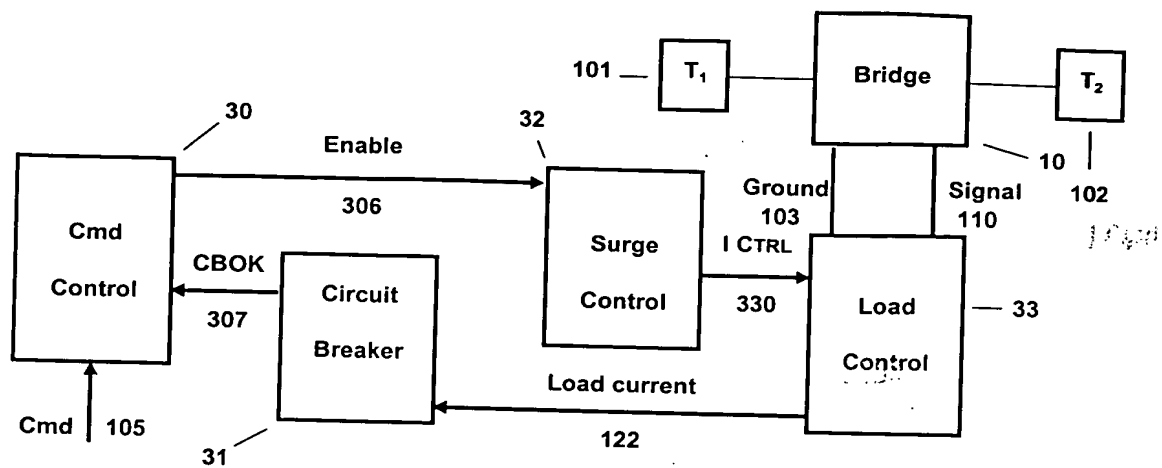


Figure 4 Mode 2 Digital (ON/OFF) Output

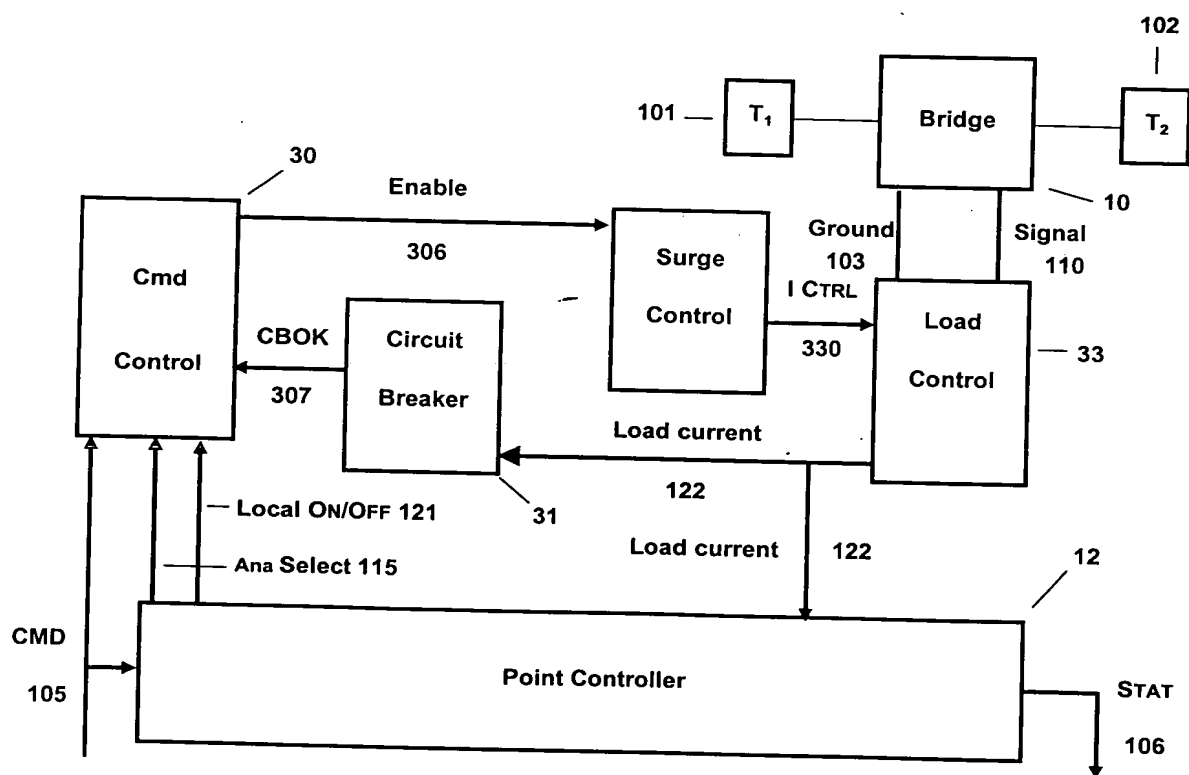


Figure 5 Mode 3 Digital Output & Load Current

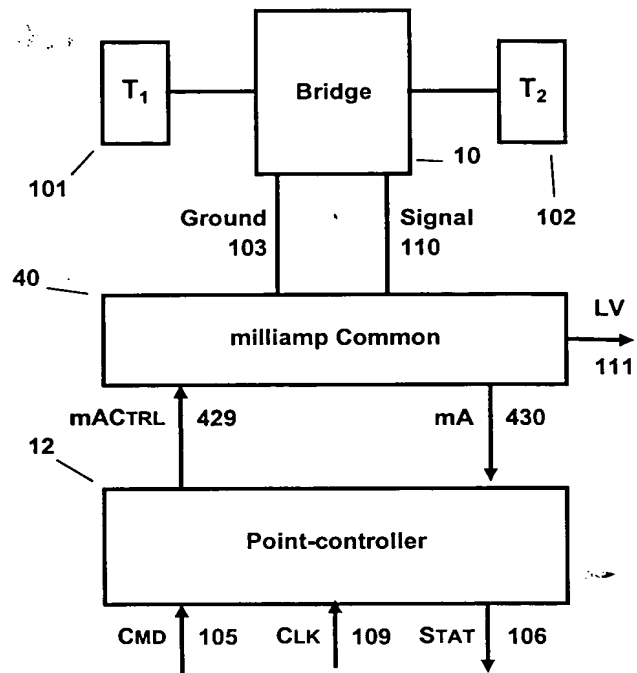


Figure 6. Modes 4 & 5. mA Functions

100-443887-100

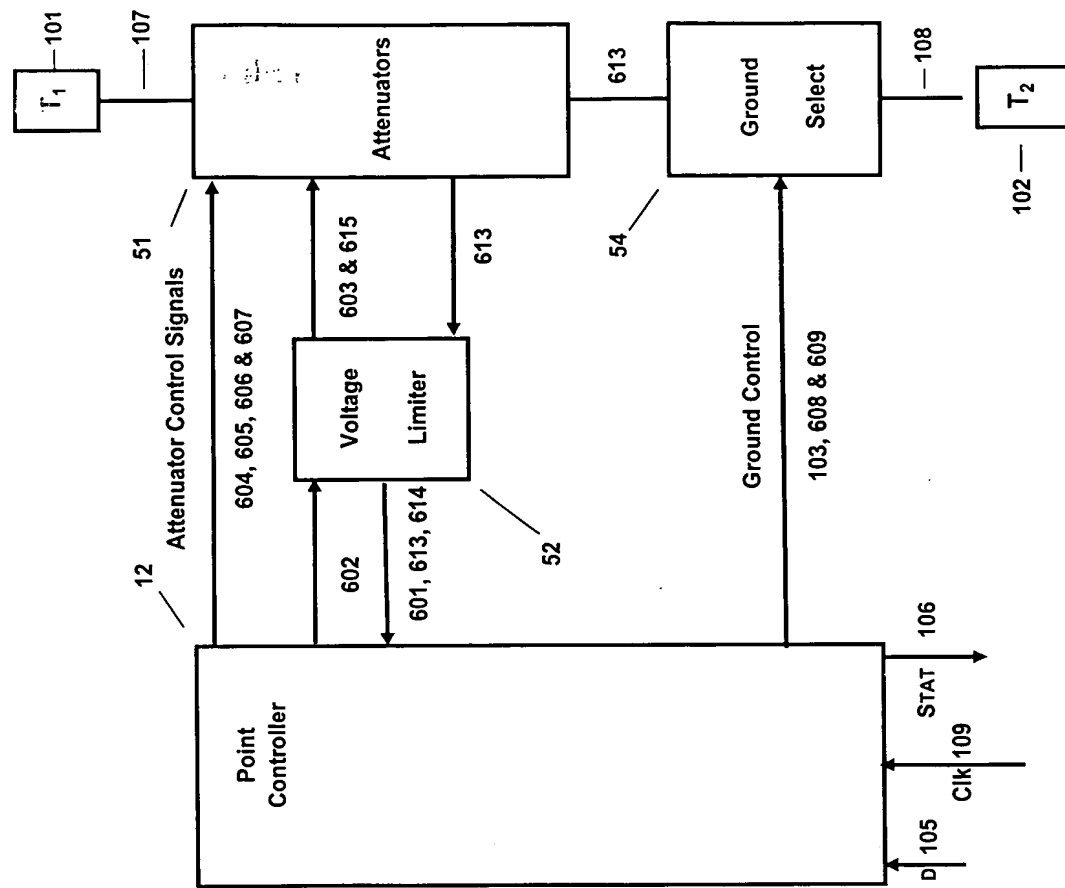


Figure 7. Mode 6: Analog Voltage Input

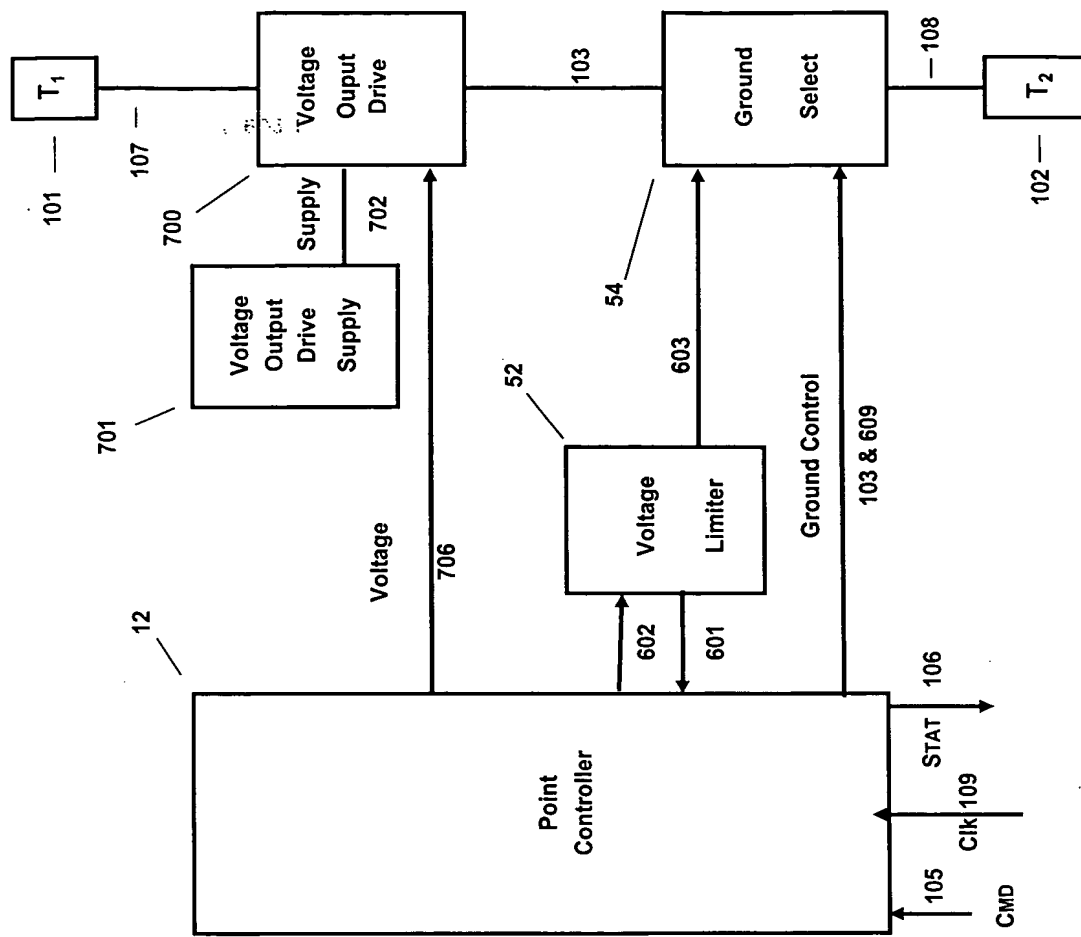
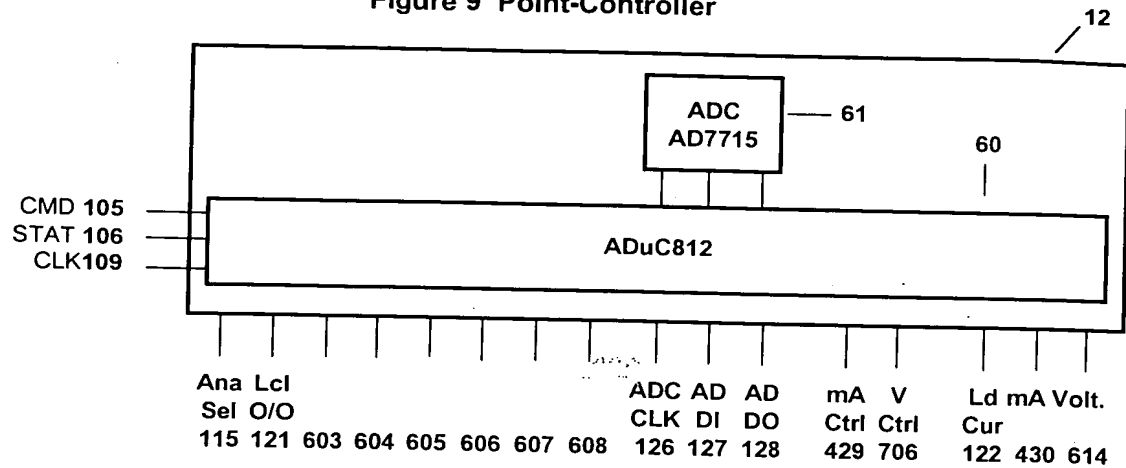


Figure 8 Mode 7: Analog Voltage Output

Figure 9 Point-Controller



Mode REF # I/O		Control Lines											DACs		ADCs		
		1	2	3	4	5	6	7	8	9	10	11	1	2	1	2	3
1	I D ON/OFF	H	T	L	L	L	L	L	L	T	T	T	T	T	-	-	-
2	O D ON/OFF	H	T	L	L	L	L	L	L	T	T	T	T	T	-	-	-
3	O D,A Amps	L	H/L	L	L	L	L	L	L	T	T	T	T	T	Amps	-	-
4	I A mAmp	L	L	L	L	L	L	L	L	T	T	T	5	T	-	mA	-
5	O A mAmp	L	L	L	L	L	L	L	L	T	T	T	0-2.5	T	-	mA	-
6 a	I A Volts LV dc	L	L	L	L	H	L	H	L	CLK	DI	DO	T	T	-	-	V
6 b	I A Volts HV dc	L	L	L	H	L	H	H	L	CLK	DI	DO	T	T	-	-	V
6 c	I A Volts HV ac	L	L	H	L	L	H	H	H	CLK	DI	DO	T	T	-	-	V
7	O A Volts	L	L	L	L	H	L	H	H	CLK	DI	DO	T	0-2.5	-	-	V

L = low H = High T = Tri-state

Figure 10 Mode Control Table

09915138.072501

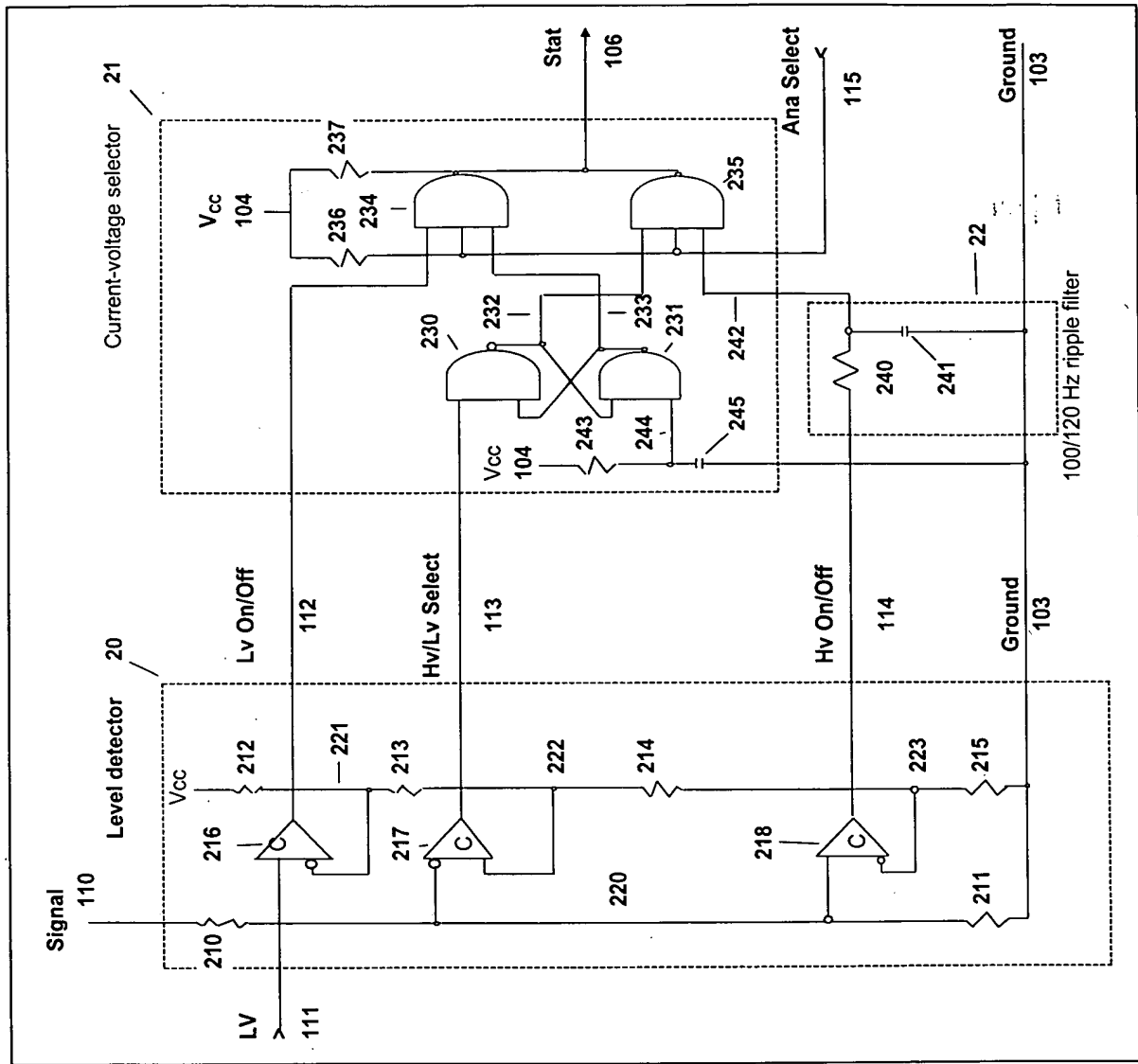


Figure 11 Mode 1 Digital (ON/OFF) Inputs

09915188.072501

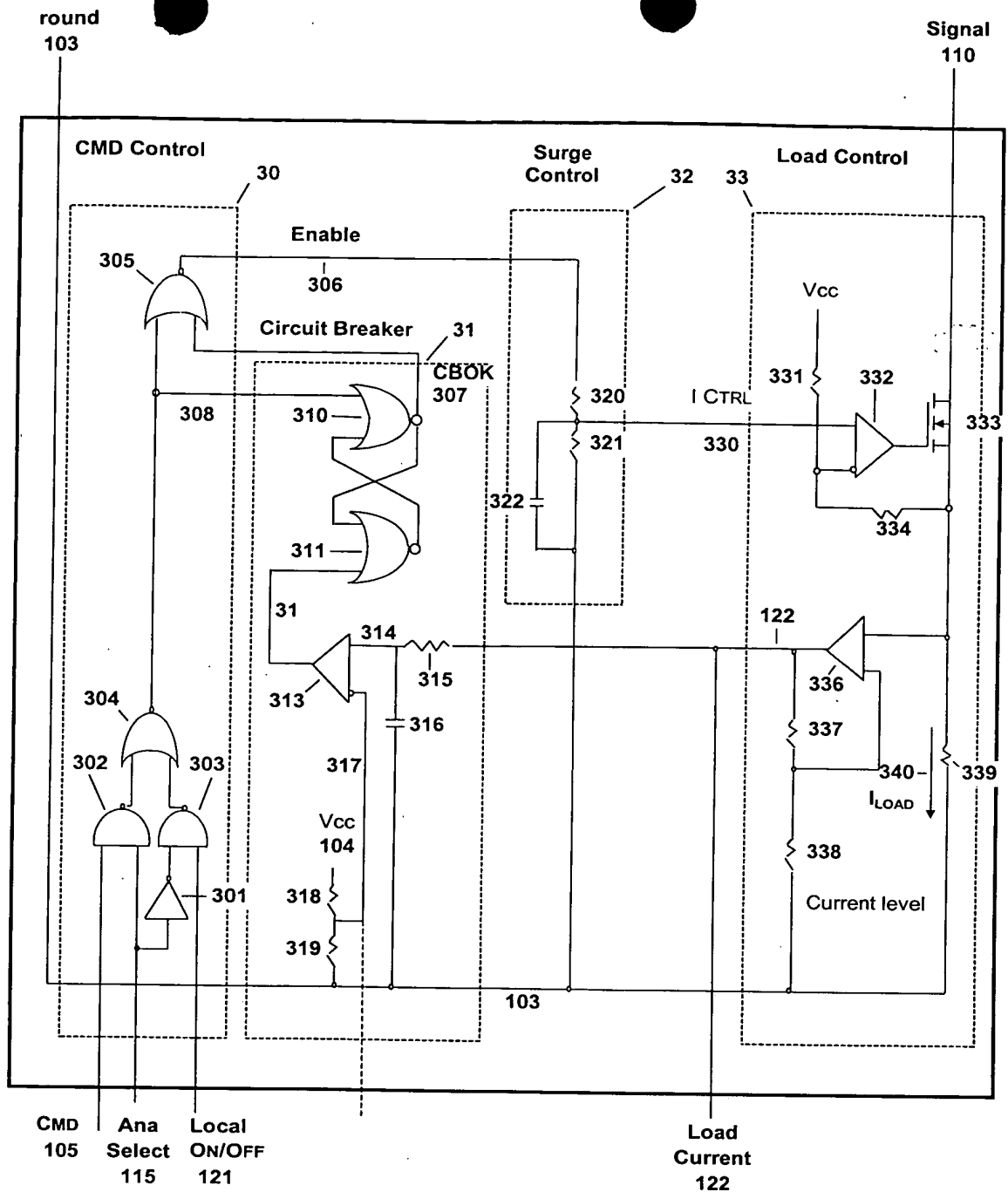


Figure 12. Mode2: Digital (ON/OFF) Output; Mode 3: Load Current

105220 88T5T660

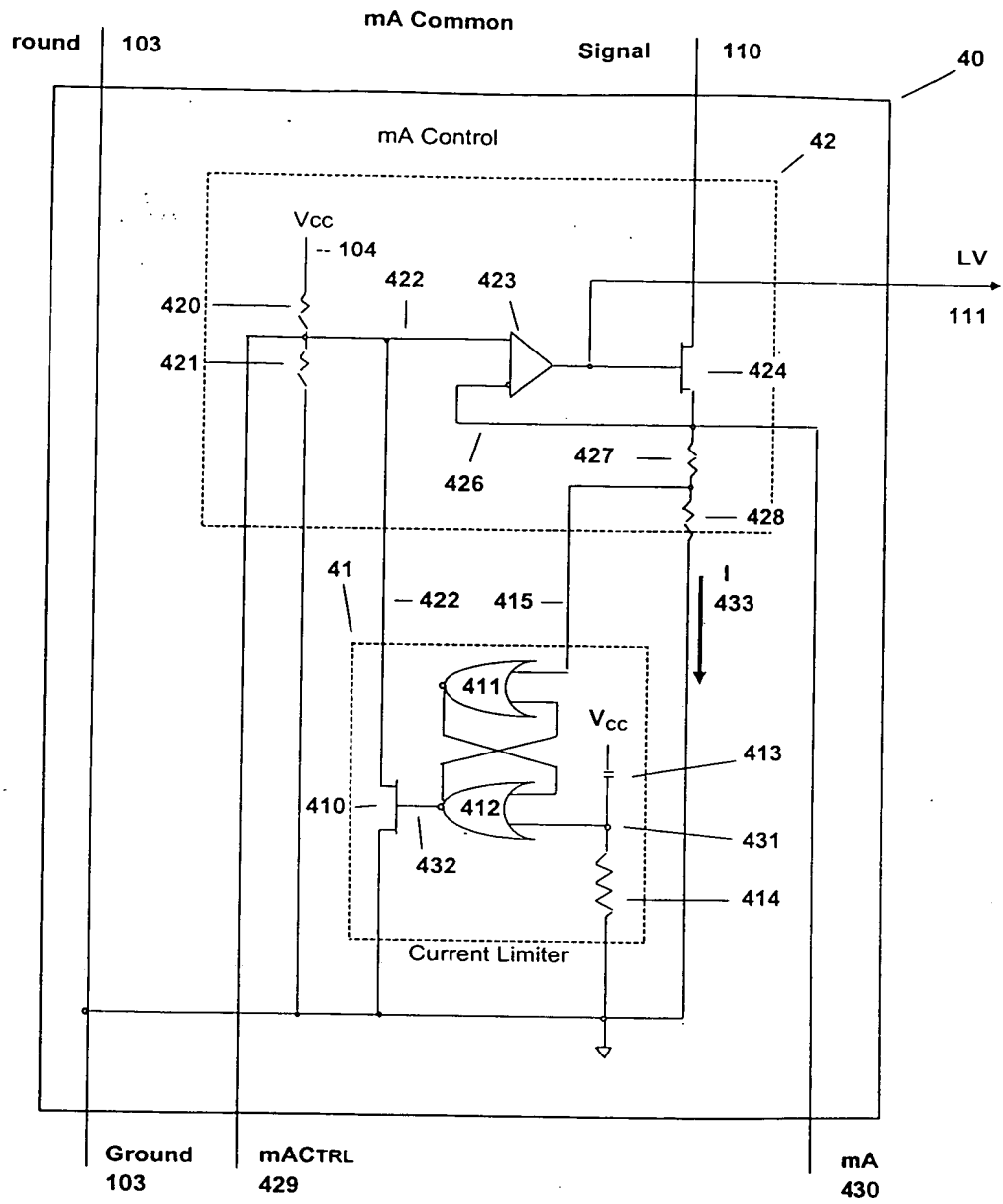


Figure 13 Modes 4 & 5: mA Common

00915188 072501
T05220 88757560

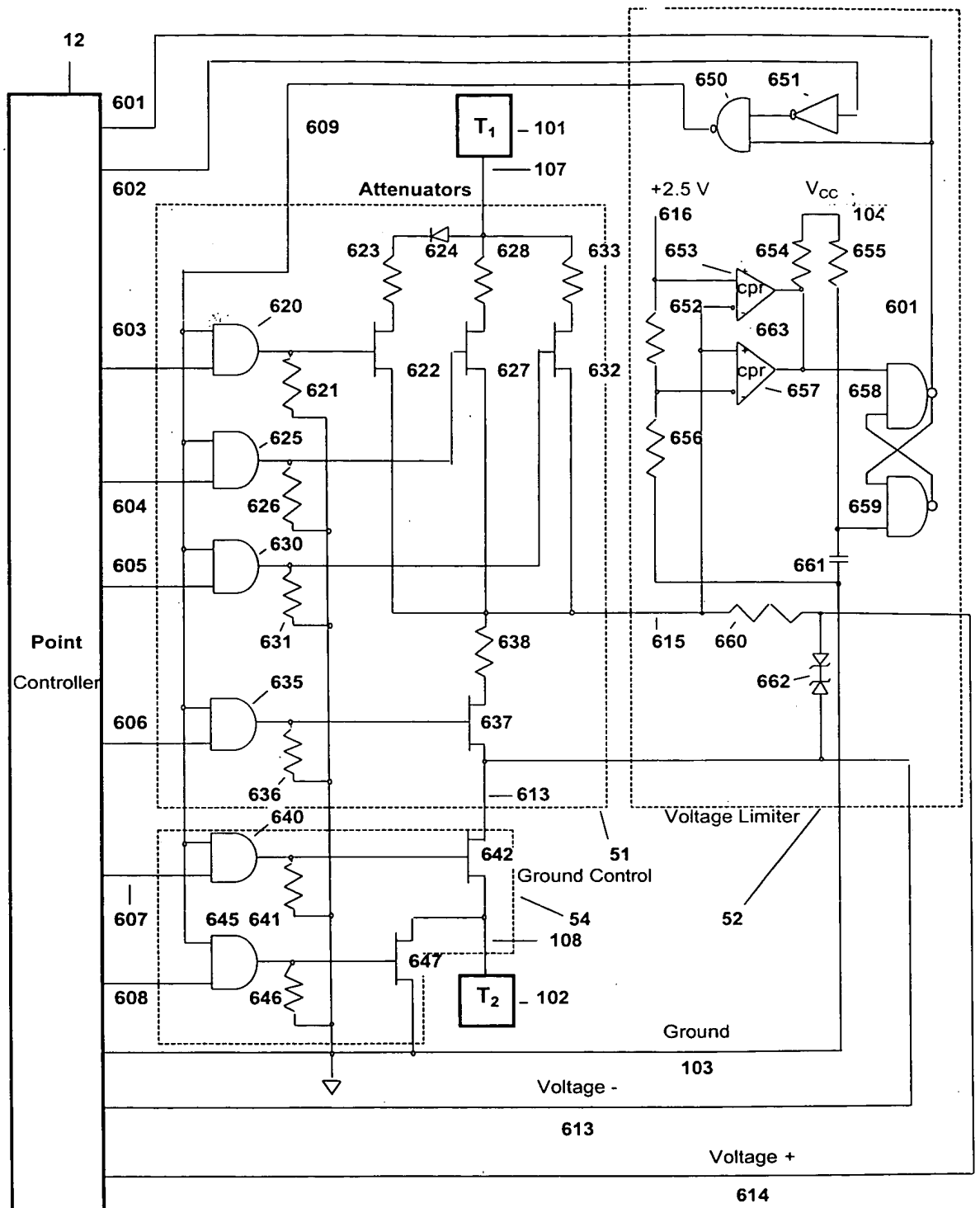


Figure 14 Mode 6: Analog Voltage In

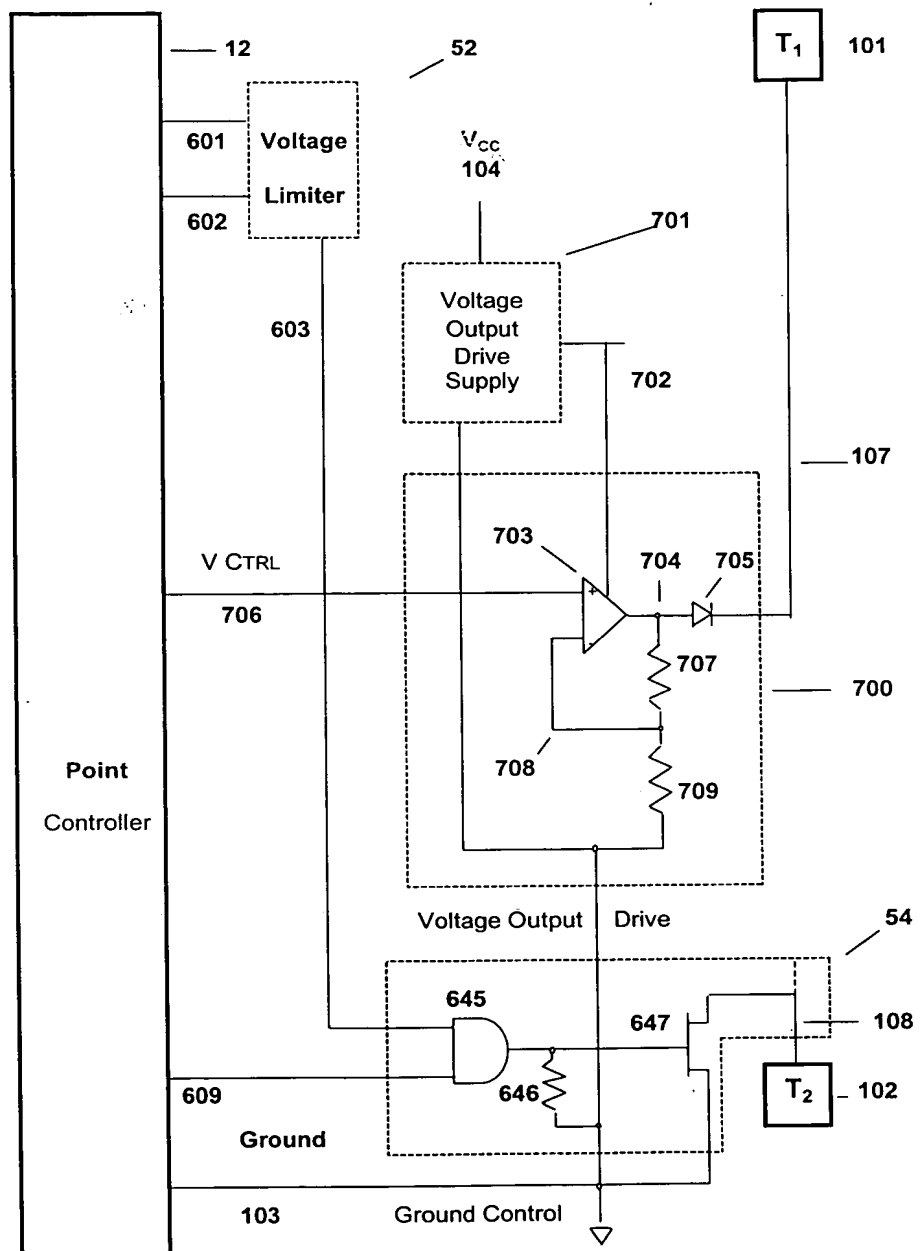


Figure {15} Mode 7: Analog Voltage Output

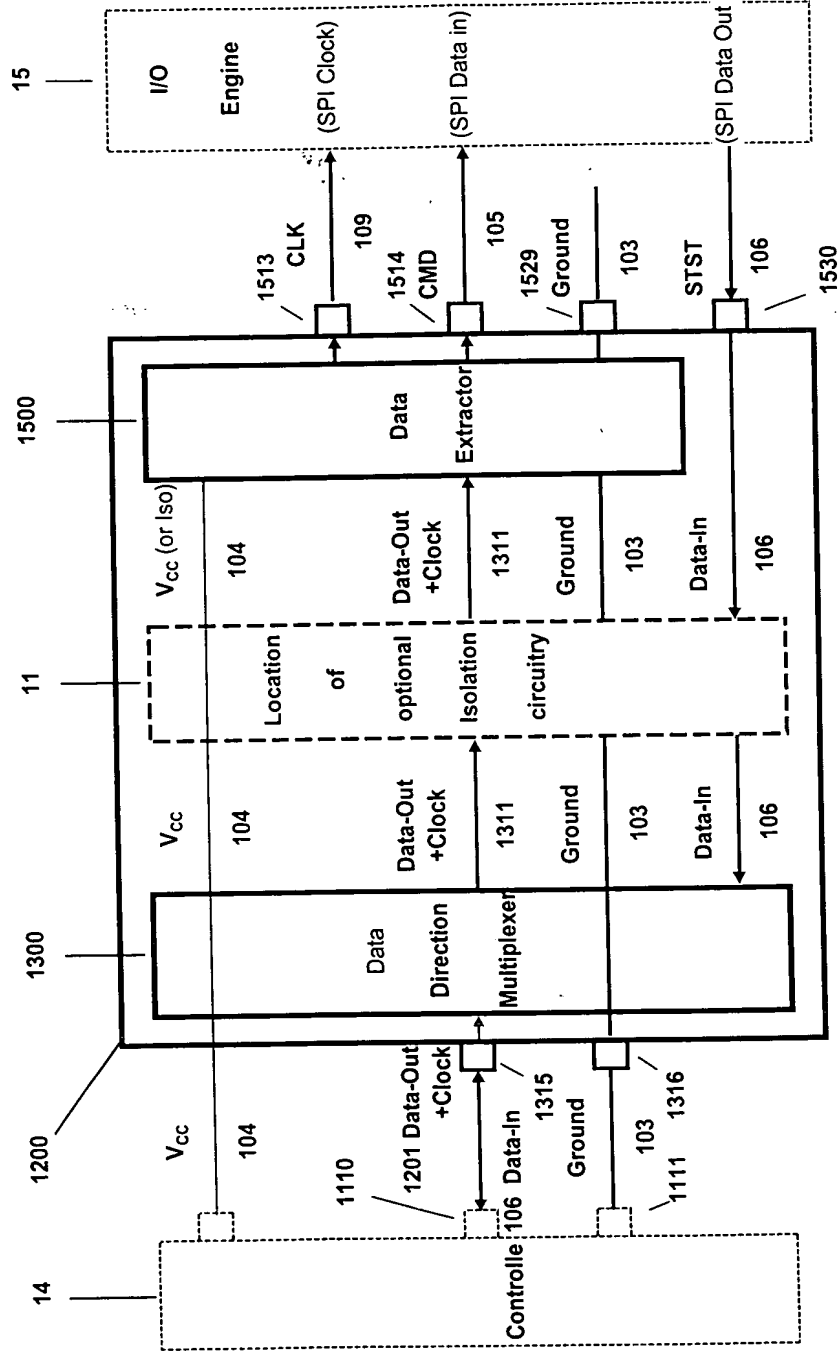


Figure 16 Monoline Serial Interface (SPI)